C++ Programming MCQ Question Answer

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Question: 1. Which of the following is true about const member functions?

Option A. const members can be invoked on both const as well as nonconst objects
Option B. const members can be invoked only on const objects and not on nonconst objects
Option C. nonconst members can be invoked on const objects as well as nonconst objects
Option D. none of the above

Question: 2. Which of the following relationship is known as inheritancerelationship?

Option A. ‘has-a’ relationship
Option B. ‘is-a’ relationship
Option C. association relationship
Option D. none of the above

Question: 3. If class A is friend of class B and if class B is friend of class C, which of the following is true?

Option A. Class C is friend of class A
Option B. Class A is friend of class C
Option C. Class A and Class C do not have any friend relationship
Option D. None of the above

Question: 4. A direct access file is:

Option A. A file in which recoreds are arranged in a way they are inserted in a file
Option B. A file in which records are arranged in a particular order
Option C. Files which are stored on a direct access storage medium
Option D. None of the above

Question: 5. Which of the following is not a component of file system

Option A. Access method
Option B. Auxiliary storage management
Option C. Free integrity mechanism
Option D. None of the above

Question: 6. Which of the following are good reasons to use an object oriented language?

Option A. You can define your data types
Option B. Program statements are simpler than in procedural languages.
Option C. An OO program can be taught to correct its own errors.
Option D. It's easier to conceptualize an OO program.

Question: 7. When a language has the capacity to produce new data type, it is said to be

Option A. Reprehensible
Option B. Encapsulated
Option C. Overload
Option D. Extensible

Question: 8. A normal C++ operator that acts in a special way on newly defined data types is said to be

Option A. Glorified
Option B. Encapsulated
Option C. Classified
Option D. Overloaded

Question: 9. main() returns a value of type

Option A. real
Option B. char
Option C. int
Option D. null

Question: 10. Sharing of common information are achieved by the concept of

Option A. Virtual copying
Option B. Inheritance
Option C. Encapsulation
Option D. None of these

Question: 11. In a for loop with a multi-statement loop body, semicolons should appear following

Option A. The for statement itself
Option B. The closing brace in a multi-statement loop body
Option C. Each statement within the loop body.
Option D. The test expression

Question: 12. A variable defined within a block is visible

Option A. From the point of definition onwards in the program
Option B. From the point of definition onwards in the function
Option C. From the point of definition onwards in the block
Option D. Throughout the function

Question: 13. The library function exit() causes an exit from

Option A. The loop in which it occurs
Option B. The block in which it occurs
Option C. The function in which it occurs
Option D. The program in which it occurs

Question: 14. The getch() library function

Option A. Returns a character when any key is pressed

Option B. Returns a character when ENTER is pressed

Option C. Display a character on the screen when a key is pressed

Option D. Does not display a character on the screen

Question: 15. _____ argument(s) are passed in case of binary overloaded operators.

Option A. Two

Option B. One

Option C. No

Option D. None of the above

Question: 16. _____ argument(s) are passed in case of unary overloaded operators.

Option A. Two

Option B. One

Option C. No

Option D. None of the above

Question: 17. The && and || operators

Option A. Compare two numeric values

Option B. Combine two numeric values

Option C. Compare two Boolean values

Option D. Combine two Boolean values

Question: 18. The break statement causes an exit

Option A. Only from the innermost loop

Option B. Only from the innermost switch

Option C. From all loops and switch

Option D. Only from the innermost loops or switch

Question: 19. When accessing a structure member, the identifier to the left of the dot operator is the name of

Option A. Structure member

Option B. Structure tag

Option C. Structure variable

Option D. The keyword struct.

Question: 20. cc _____ option is used only to create object file

Option A. -a

Option B. -o

Option C. -c

Option D. none of these

Question: 21. :: is known as

Option A. scope resolution operator

Option B. global operator

Option C. Both (a) & (b)

Option D. None of these

Question: 22. Which of the following can legitimately be passed to a function?

Option A. A constant

Option B. A variable

Option C. A structure

Option D. A header file

Question: 23. _____ operator must have one class object

Option A. +

Option B. new

Option C. all

Option D. None of these

Question: 24. Overloaded functions

Option A. Are a group of functions with the same name

Option B. All have the same number and types of arguments

Option C. Make life simpler for programmer

Option D. May fail unexpectedly due to stress

Question: 25. In C++, the stream base class is

Option A. iostream

Option B. iofstream

Option C. ios

Option D. stdio

Question: 26. The template function declaration specifies

Option A. template class

Option B. a generic class

Option C. exception

Option D. identifier

Question: 27. In C++, the exception handler is invoked with a-

Option A. try block

Option B. throw exception

Option C. catch function

Option D. abort()

Question: 28. The exception is processed using

Option A. unexpected()

Option B. perform()

Option C. catch()

Option D. try()

Question: 29. A member function can always access the data

Option A. In the object of which it is a member

Option B. In the class of which it is a member

Option C. In the object of the class of which it is a member

Option D. In the public part of its class

Question: 30. Classes are useful because they

Option A. Are removed from memory when not in use

Option B. Permit data to be hidden from other classes

Option C. Bring together all aspects of an entity in one place

Option D. Can closely model objects in the real world

Answer Sheet

1	B	
2	A	
3	B	
4	C	
5	C	
6	A	
7	D	
8	D	
9	C	
10	B	
11	C	
12	C	
13	D	
14	A	
15	A	
16	B	
17	C	
18	A	
19	C	
20	B	
21	A	
22	B	
23	B	
24	A	
25	C	
26	B	
27	B	
28	C	
29	B	
30	B	